

INTERNATIONAL SEARCH REPORT

Inter-  
national Application No  
PCT/IB 02/02500

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04Q7/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 212 390 B1 (RUNE JOHAN) 3 April 2001 (2001-04-03) abstract column 5, line 60 - column 7, line 57 column 9, line 47 - line 56	1-29
X	US 2002/082017 A1 (HATTORI KIYOSHI) 27 June 2002 (2002-06-27) abstract paragraph '0034! - paragraph '0035! paragraph '0043! - paragraph '0047! paragraph '0058! - paragraph '0060!	1-29
A	US 2002/077103 A1 (BONTA JEFFREY D) 20 June 2002 (2002-06-20) column 7, line 21 - line 46 column 18, line 21 - line 25 abstract	1-29
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

3 March 2003

Date of mailing of the international search report

27/03/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 669 061 A (SCHIPPER JOHN F) 16 September 1997 (1997-09-16) page 9, line 17 - line 30 page 14, line 31 -page 15, line 3 page 34, line 14 - line 18 -----	1-29

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6212390	B1	03-04-2001	SE 514266 C2 29-01-2001
			AU 6126798 A 09-09-1998
			EP 0962114 A1 08-12-1999
			JP 2001512639 T 21-08-2001
			SE 9700596 A 21-08-1998
			WO 9837722 A1 27-08-1998
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US 2002077103	A1	20-06-2002	WO 02067622 A2 29-08-2002
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			US 6038444 A 14-03-2000